

Figure 1

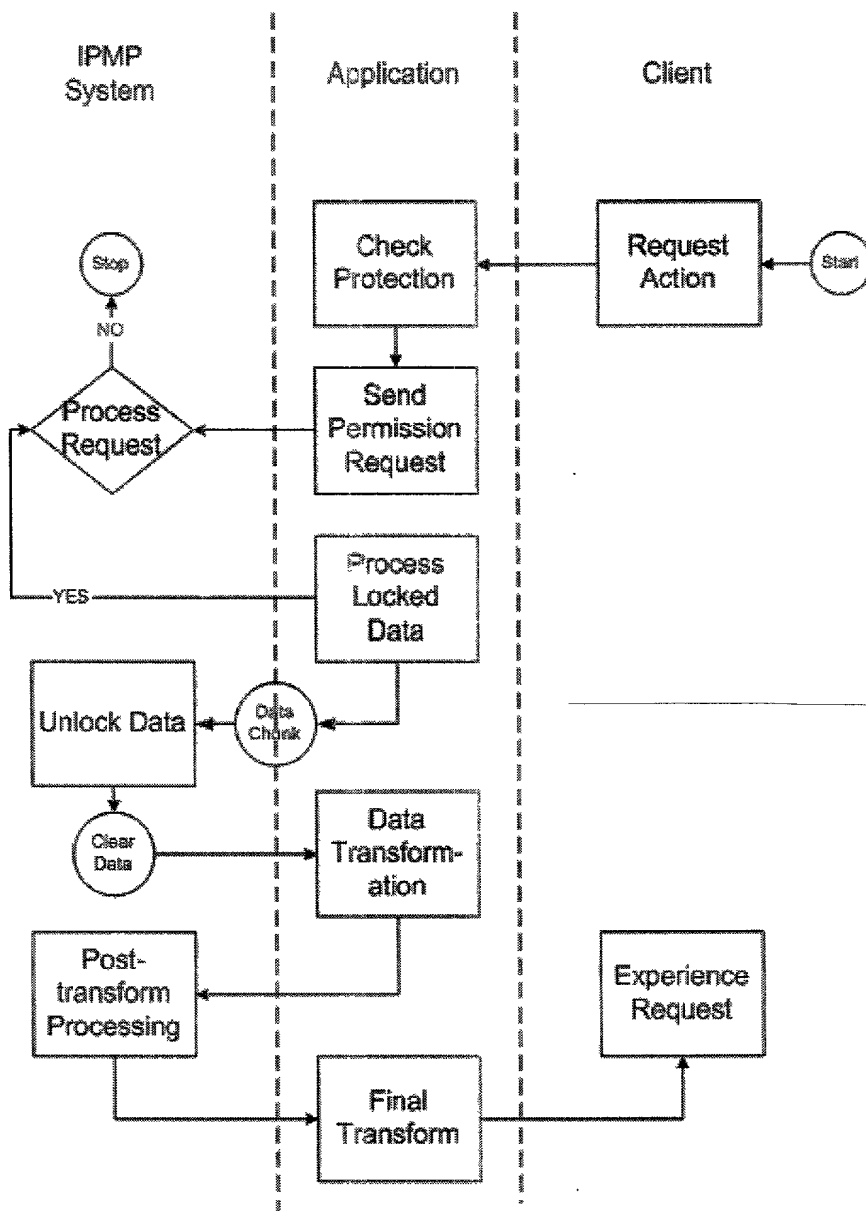


Figure 2

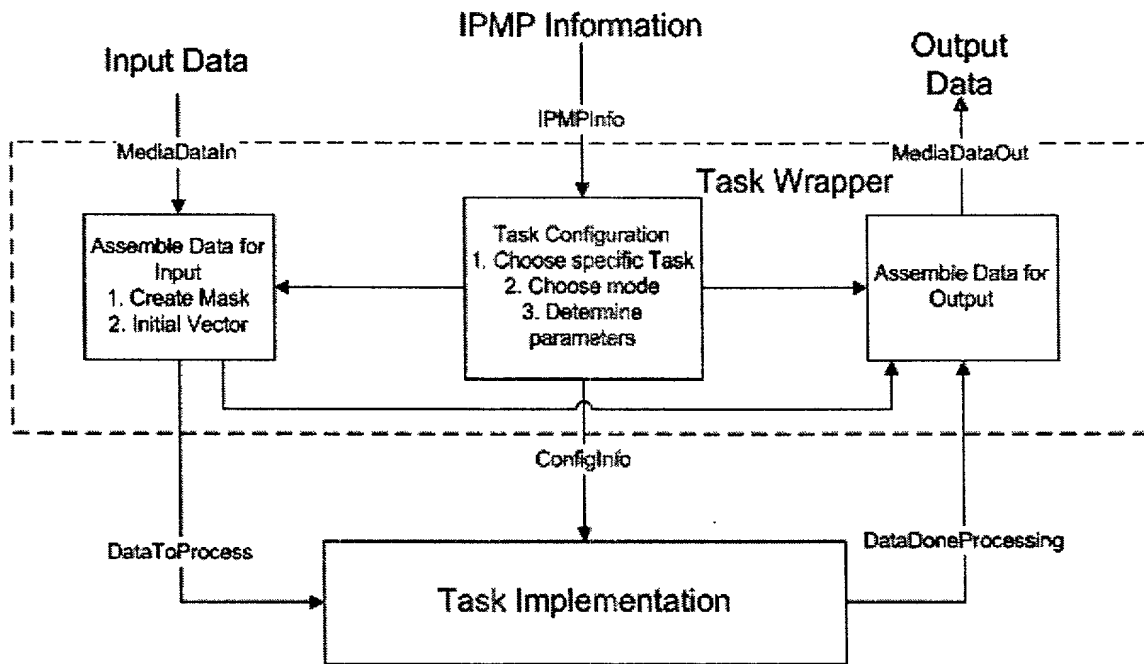


Figure 3

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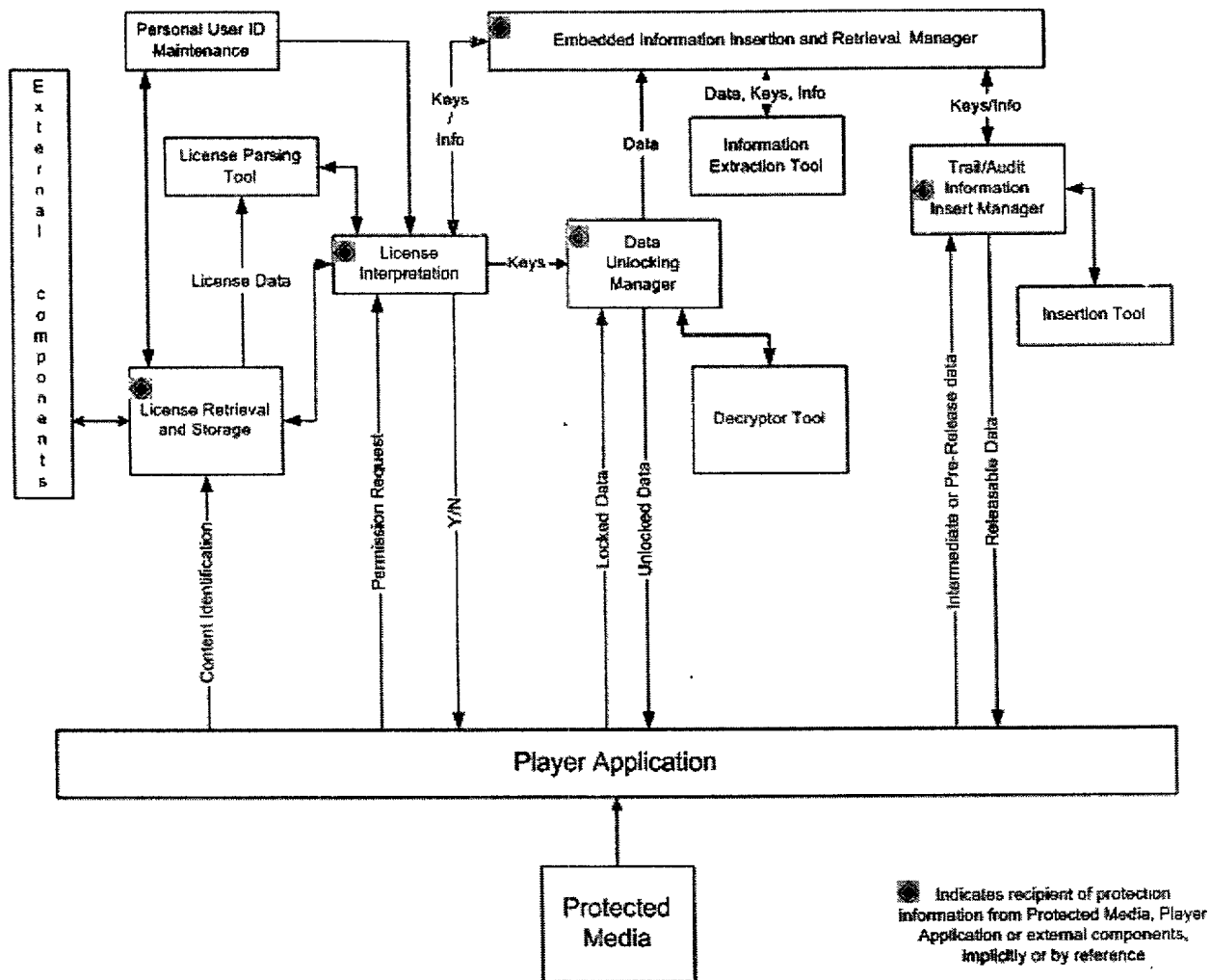


Figure 4

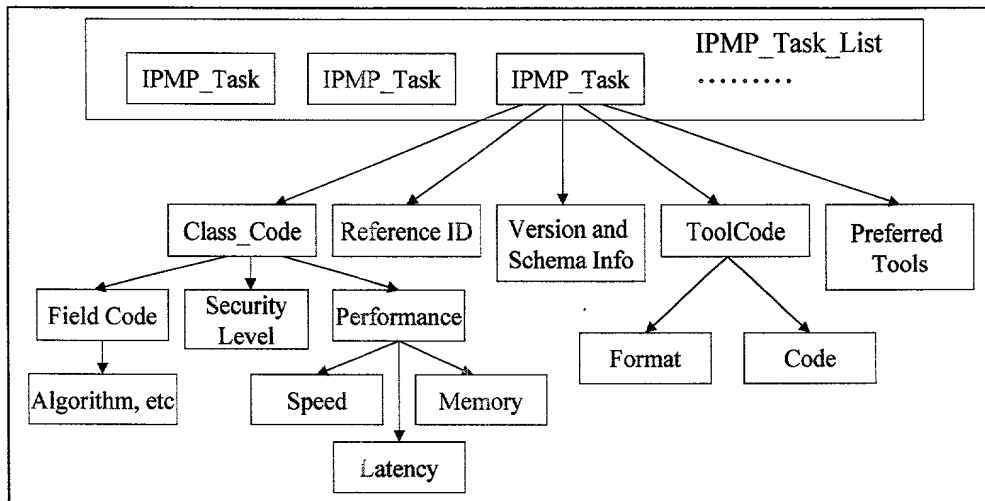


Figure 5

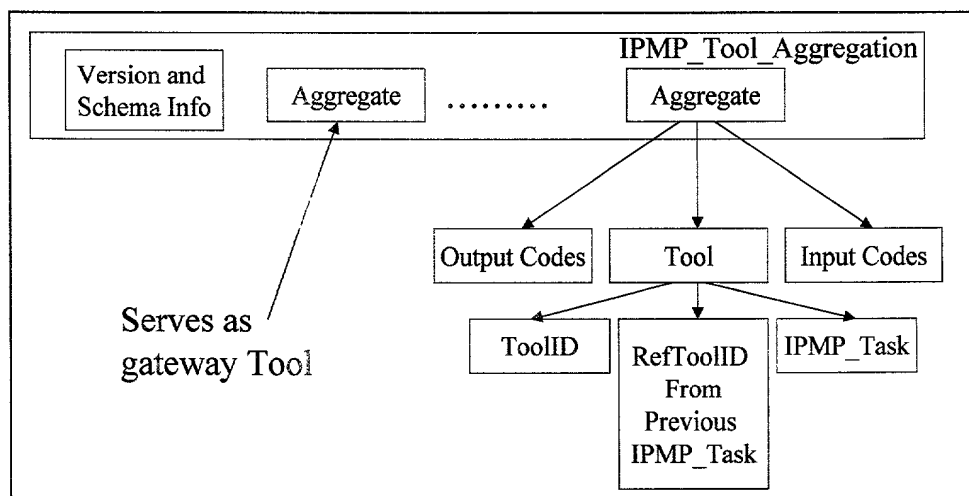


Figure 6

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**I101: IPMP\_Task\_List** := (IPMP\_Task+ {Other})

**I102: IPMP\_Task** := (Class\_Code? {RefToolId: id} {Version: major minor}  
 {SchemaURL: protocol location} {(PreferredToolId :id+)}  
 {ToolCode}{Other})

**I103: Class\_Code** := ([NULL| Encryption |Decryption |Parsing |Watermark |Fingerprint  
 |Verifier|Other] {Performance} {Security\_Level : level} )

**I104: Encryption**:= (Algorithm:alg {Version: major minor}{Mode:  
 stream|block|both} {KeyLength : maxlen minlen} {Other})

**I105: Decryption**:= (Algorithm:alg {Version: major minor}{Mode:  
 stream|block|both} {KeyLength : maxlen minlen} {Other})

**I106: Watermark**:= (Algorithm:alg{Version: major minor}{(Code: code+)}  
 {Other})

**I107: Fingerprint**:= (Algorithm:alg {Version: major minor}{(Code: code+)}  
 {Other})

**I108: Verifier**:= ( (Certificate :cert+) {Version: major minor} {(Protocol:  
 protocol+)} {(Signature : sign+)} {Other})

**I109: Parser** := ( Schema {Compression : compression})

**I110: Schema**:= (Schema Name:name {Version: major minor}  
 {SchemaURL : protocol location})

**I111: Writer** := ( Schema {Compression : compression})

**I112: Schema**:= (Schema Name:name {Version: major minor}  
 {SchemaURL : protocol location})

**I113: Performance** := ( [MIPS | FramePerSecond] {Latency} {Memory})

**I114: MIPS** : value

**I115: FramePerSecond** := (Value:value {Size: width height depth}  
 {Other})

**I116: Latency** := (Unit: unit Value:value)

**I117: Memory** := (Value:value {Base: base} {Exponent:exponent})

**I118: ToolCode** := (format [(Data : length data)| (URL : protocol location)])

**Figure 7**

**(A100) IPMP\_Tool\_Aggregation** := (Aggregate+ RefToolId: id {(Version : major minor)}  
 {(SchemaURL: protocol location)} {Other})

**(A101) Aggregate** := ( [ToolID : id | IPMP\_Task]

**(A102)** {(InCode : code+)}  
**(A103)** {(Outcode : code+)}))

**Figure 8**

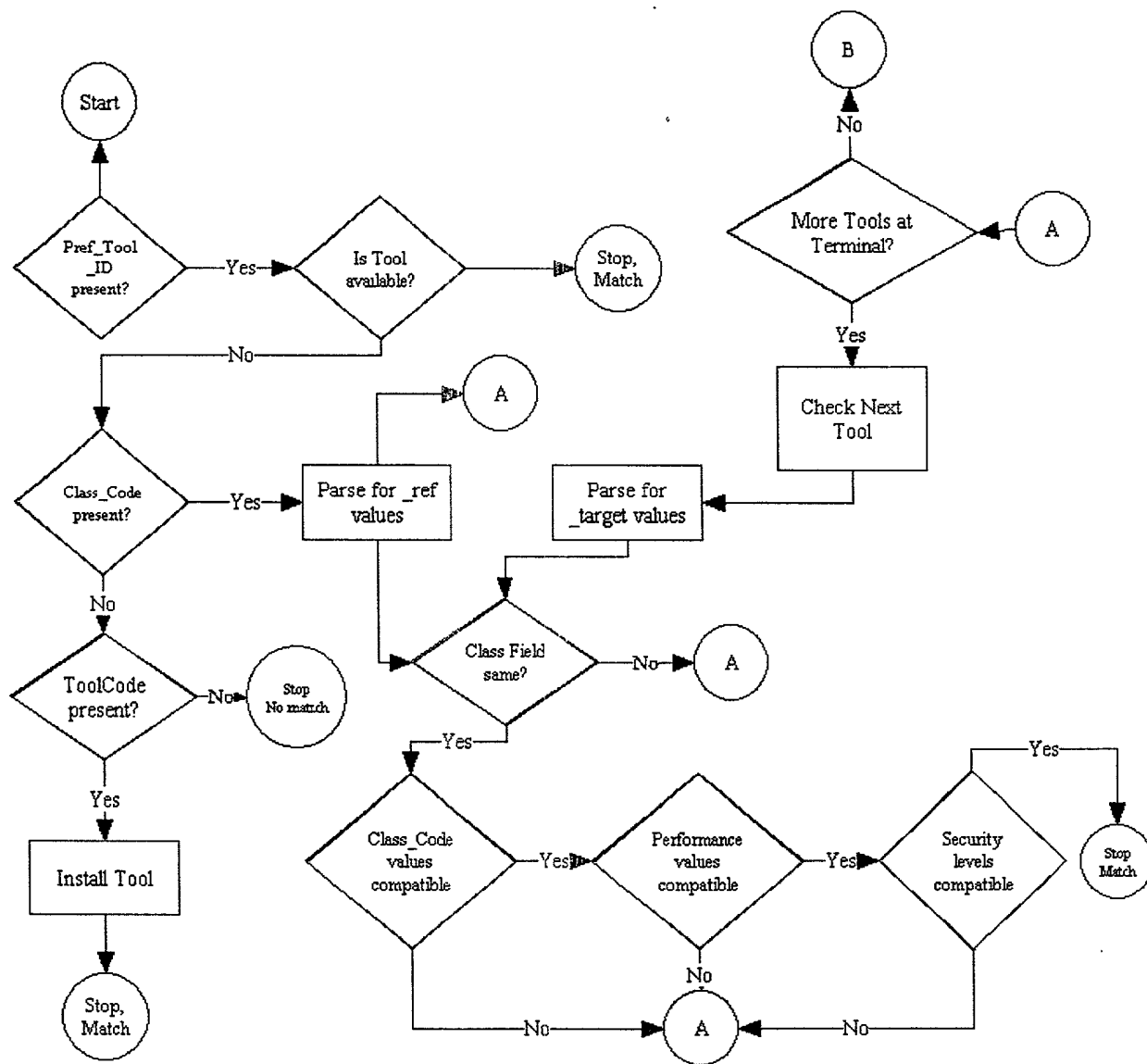


Figure 9

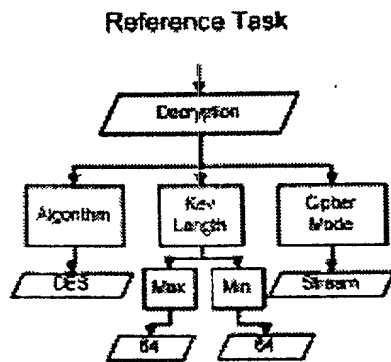


Figure 10A

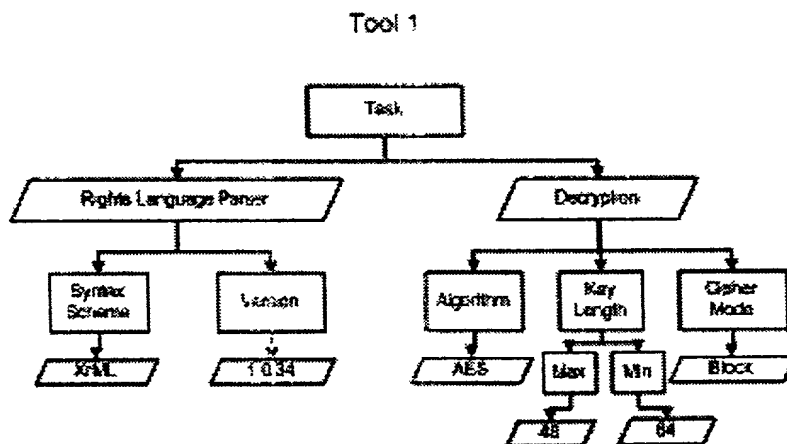


Figure 10B

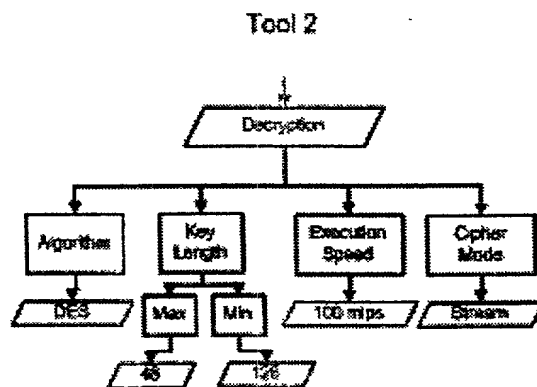


Figure 10C

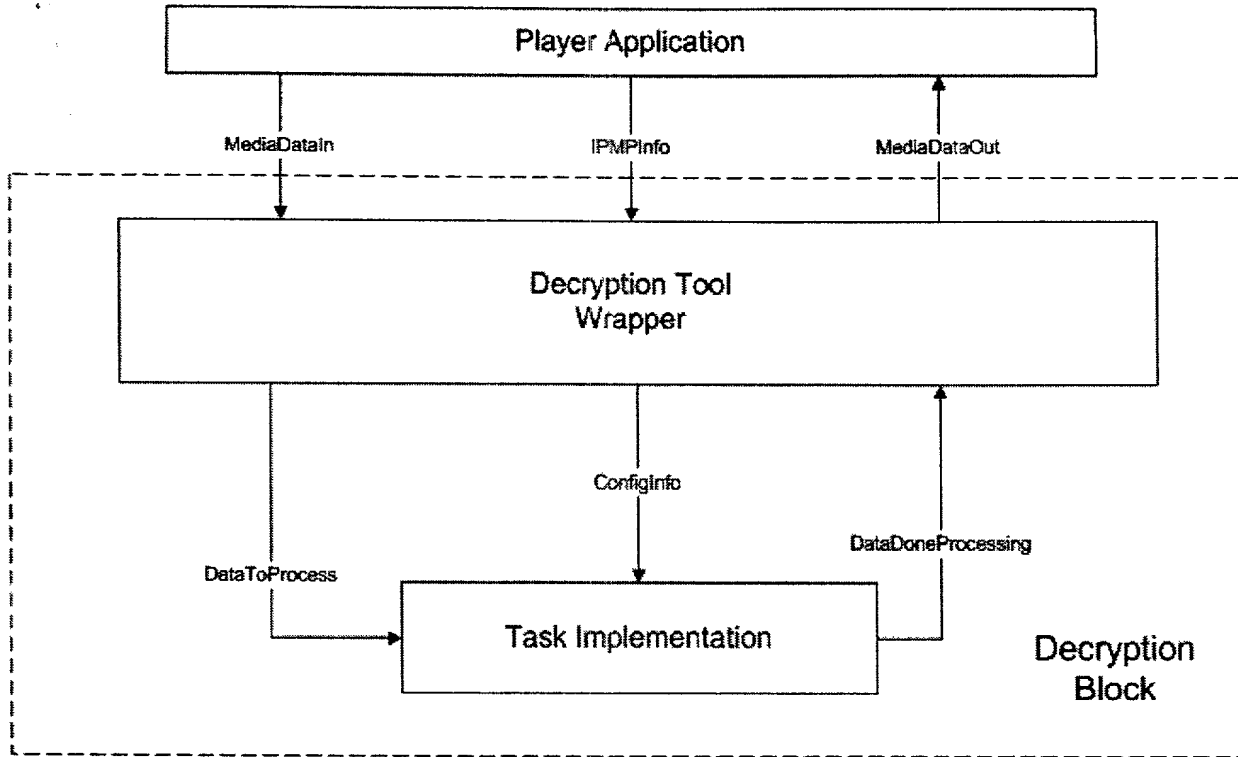


Figure 11

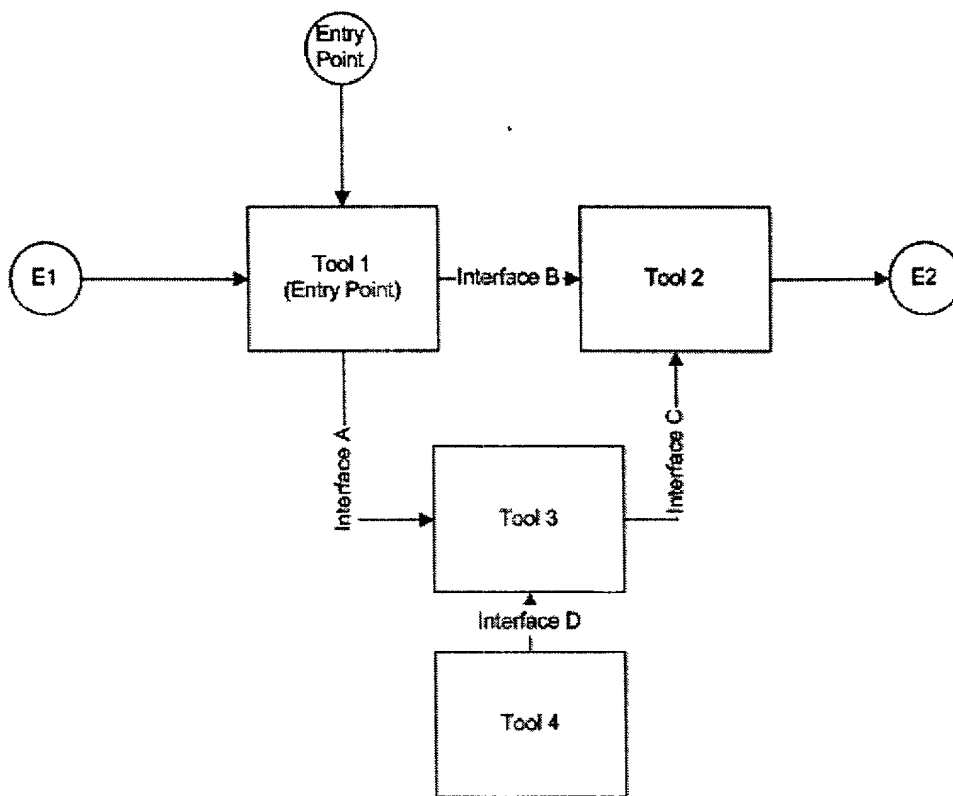


Figure 12

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